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PAGE: 1

12-1896 0260  
0360 8-22-96

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/669,656

TEAMES

DATE: 08/26/96  
TIME: 11:27:04

1800

INPUT SET: SI2333.raw

4/26/97

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

Does Not Comply

SEQUENCE LISTING Corrected Diskette Needed

1

2

3 (1) General Information:

4

5 (i) APPLICANT: Wood, John N.  
6 Akopian, Armen N.

7

8 (ii) TITLE OF INVENTION: Ion Channel

9

--> 10 (iii) NUMBER OF SEQUENCES: 31

11

12 (iv) CORRESPONDENCE ADDRESS:

13 (A) ADDRESSEE: ZENECA Pharmaceuticals  
14 (B) STREET: 1800 Concord Pike, P.O. Box 15437  
15 (C) CITY: Wilmington  
16 (D) STATE: Delaware  
17 (E) COUNTRY: USA  
18 (F) ZIP: 19850

19

20 (v) COMPUTER READABLE FORM:

21 (A) MEDIUM TYPE: Floppy disk  
22 (B) COMPUTER: IBM PC compatible  
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

25

26 (vi) CURRENT APPLICATION DATA:

27 (A) APPLICATION NUMBER:  
28 (B) FILING DATE:  
29 (C) CLASSIFICATION:

30

31 (viii) ATTORNEY/AGENT INFORMATION:

32 (A) NAME: Hohenschutz, Liza D.  
33 (B) REGISTRATION NUMBER: 33,712  
34 (C) REFERENCE/DOCKET NUMBER: PHM.70086

35

36 (ix) TELECOMMUNICATION INFORMATION:

37 (A) TELEPHONE: (302) 886-7466

38

39

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41 (2) INFORMATION FOR SEQ ID NO:1:

42

43 (i) SEQUENCE CHARACTERISTICS:

44 (A) LENGTH: 6524 base pairs  
45 (B) TYPE: nucleic acid  
46 (C) STRANDEDNESS: single

← Only 30 showed up

18C

(remainder of listing not shown)

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(2) INFORMATION FOR SEQ ID NO:30:

- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 30 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:30:

GGATCCTCTA GAGTCGACCT GCAGAAAGGAA

30

← left sequence.

Is one missing?

08/669,656

## Notice of Availability

### Applicant Aid for Biotechnology Computer Readable Form (CRF) Sequence Listings Submissions

The Patent and Trademark Office (PTO) has developed a computer program, called Checker, that will aid applicants in identifying and correcting errors prior to making submissions for compliance with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (sequence rules: 37 CFR 1.821 through 1.825). (Final rules were published in the *Federal Register* (55 FR 18230) on May 1, 1990, and in the *PTO Official Gazette* (1114 Off.Gaz.PatOffice 29) on May 15, 1990.)

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Phone number: 703-305-8950  
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- 3) For diskette copies, telephone requests to 703-306-2600.  
Cost: \$25.00

For Further Information Contact: Meredith Beckhardt at 703-308-4212.

Application No.: 08/669,652

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- 7. Other: \_\_\_\_\_

Applicant Must Provide:

- An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

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